

# Francis Lin

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## EDUCATION

**University of California, Los Angeles (UCLA)**  
B.S. Bioengineering

Anticipated Graduation: June 2018  
GPA: 3.6

## WORK EXPERIENCE

**Amgen; Thousand Oaks, CA**

Jun 2017 - Sep 2017

*Global Commercial Operations Information Systems Undergrad Intern*

- Supported and helped facilitate cloud transformation of 150+ external Amgen websites
- Uncovered issue affecting 60+ external websites and helped team run urgent reports to quantify impact
- Provided guidance to interdepartmental parties for cloud service selection and file/content organization

*First Place Team in Amgen IS Intern Chatbot Challenge*

- Developed AWS Lex chatbot to search for subject matter experts based on skill or project keywords
- Converted vague project description to working prototype, business case, and presentation in 2 weeks

**Engineering Science Corps Outreach Programs; UCLA**

Oct 2014 - Present

*Clerk*

- Specialized in contacting recruiters, disseminating open positions to 5,000 UCLA Engineering students
- Doubled job/internship postings from 120 postings to over 250 postings
- Collaborated with ESC summer program supervisors and team to organize and process 2,500 documents from 300 applications for HSSRP and 200 applications for Tech Camp

## RESEARCH EXPERIENCE

**Professor Aydogan Ozcan Research Group; UCLA Electrical Engineering Dept.**

Oct 2015 - Present

*Howard Hughes Medical Institute Undergraduate Researcher*

- Researched bovine sperm motility to explore fertility and dynamics biophysics for micro-swimmers
- Designed new experimental protocol to load sample chamber, reducing failure rate from 40% to 5%
- Collected and analyzed over 2,000 data sets with team members using lens-free 3D imaging methods

**pasCARE Startup; UCLA**

Jan 2016 - Mar 2017

*Co-founder*

- Launched medical device startup that reduces pressure ulcer formation via preventative monitoring
- Devised market research strategy to measure interest of 700 care facilities and facilitate product design
- Gained valuable insight on business operations, workflow management, and team dynamics
- Won \$100,000 Lowell Milken Institute-Sandler Prize for New Entrepreneurs

## LEADERSHIP

**Biomedical Engineering Society; UCLA**

Oct 2014 - Present

*Industry Chair*

- Delegate tasks to Industry Committee to organize 3 – 5 company information sessions every quarter
- Evaluate past events in weekly board meetings and recommend improvements for future events

## SKILLS

- **Software:** C++, Python, Excel VBA, MATLAB, R, AutoCAD, Unity, AWS Lex/Lambda, HTML/CSS
- **Circuitry:** Circuit assembly and debugging, breadboarding, soldering, microcontrollers